SEQUENCE LISTING

<110> WAHLROOS, TONY MIKAER
ATABEKOV, JOSIF GRIGORIEVIEH
DOROKHOV, YURII LEONIDIVICH
SUSI, PETRI EERIK
MAKELA, MAURI JAAKKO
KORPELA, TIMO KALEVI

<120> METHODS AND CONSTRUCTS FOR INCREASING THE CONTENT OF SELECTED AMINO ACIDS IN SEEDS

<130> 108306-00024

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<151> 2003-02-28

<160> 27

<170> PatentIn Ver. 3.3

<210> 1
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<220>
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<210> 2
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 2
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<210> 3
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 3
ccggatccta aagtcgacca tggtgatggt gatggtgatg gtgcc 45

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<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 5
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 5
gtttgtcgac atgcaacagc acatgcacat gcaacaacat actcgaggtg 50

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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 6
gcgcctcgag ttggtggagg tggaggcggt ggaggtggcg tcgacaaatg gatcccc 57

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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 8
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 8
gcgcctcgag ttaaaaagaa aaagaaaaag aaaaagaaaa agaaaaaggt cgacaaatgg 60
atcccc 66

<210> 9
<211> 66
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

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ggggatccat ttgtcgacct ttttcttttt ctttttcttt ttctttttct ttttaactcg 60
aggcgc 66

<210> 10
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 10
aaaaccatgg cggatacagc tagaggaacc catc 34

<210> 11
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 11
ggggccatgg gagtagtgtg ctggccacca cgagtac 37

<210> 12
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 12
gcgcctcgag aagtagtgtg ctggccacca c 31

<210> 13
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 13
gcggaattcc catggctcta gttgttaaag g 31

<210> 14
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 14
agacctcgag gaaacgaatc cgattcggcg ac 32

<210> 15
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
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<400> 15
tgtgggatcc tacgcaacgg gagagcaccc a 31

<210> 16
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 16
tcttactcga gtgaaaccaa attaac 26

<210> 17
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 17
cttgttagcc atggtttgct atttgtg 27

<210> 18
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 18
Lys Asp Glu Leu
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<210> 19
<211> 73
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
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<222> (3)..(65)

<400> 19
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Arg Val His His His His Leu His His Gly His His His His His
1 5 10 15

cat cac cat ggt cga ctt taggatcc 73
His His His Gly Arg Leu
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<210> 20
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 20
Arg Val His His His His Leu His His Gly His His His His His His
1 5 10 15

His His Gly Arg Leu
20

<210> 21
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> CDS
<222> (6)..(44)

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1 5 10

<210> 22
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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1 5 10

<210> 23
<211> 57
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> CDS
<222> (7)..(42)

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Arg Val Gly Gly Gly Gly Gly Gly Gly Gly Gly Val
1 5 10

tcccc 57

<210> 24
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 24
Arg Val Gly Gly Gly Gly Gly Gly Gly Gly Gly Val
1 5 10

<210> 25
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
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<222> (7)..(51)

<400> 25
gcgcct cga gtt aaa aag aaa aag aaa aag aaa aag aaa aag aaa aag 48
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1 5 10

gtc gacaaatgga tcccc 66
Val
15

<210> 26
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 26
Arg Val Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Val
1 5 10 15

<210> 27
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic 6x His tag

<400> 27
His His His His His His
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